MOHAMMAD SHOAIB

Kanpur | Uttar Pradesh | India

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Professional Summary

Aspiring Software Engineer with a strong foundation in Full Stack Development (**MERN stack Developer & Next.js Developer**) and deep understanding of **Data Structures and Algorithms (DSA)**. Proficient in building scalable web applications as a React Developer, designing efficient algorithms, and solving complex problems through clean and optimized code.Eager to leverage my technical expertise ,problem-solving skills,and passion for innovation to contribute to impactful projects and grow within a dynamic organization.

Technical Skills

Programming Languages - C , Java ,JavaScript ,TypeScript
Web Technologies - HTML, Tailwind CSS , Bootstrap, React.js, Redux Toolkit, Next.js, Node.js, Express.js, RESTful APIs,JWT ,Google Auth
Modern Frameworks & Tools - Shadcn UI , Convex, Clerk OpenAI API
Development and Devops Tools - GitHub, git ,Linux Commands, Docker, Postman, Vercel ,VS code
Databases - SQL , MongoDB

Work History

Byte-Break-Down - LIVE | GitHub - Code
Tech-Stack - HTML ,Tailwind CSS , React.js ,React Router, Context API,Node.js,Express.js ,Mongoose
- ❖ Developed a dynamic and modern frontend with React.js and Tailwind CSS,delivering a **responsive** user interface that elevates user   experience.
- ❖ Deployed a secure , **JWT-enabled authentication system ,**enabling only logged-in users to create and publish post
- ❖ Designed and implemented a **RESTful API** with **Node.js** and **express.js** for seamless communication between the frontend and backend.
- ❖ Built a responsive and dynamic frontend using **React.js, Tailwind CSS, and React Router**, delivering an intuitive user experience across devices, along with personalized user profiles to view authored posts

Shop-Knock - LIVE | Github - Code
Tech-Stack - React.js ,Tailwind CSS ,React Router, Redux-Toolkit, Node.js, Express.js ,Mongoose,MongoDB
- ❖ Developed a full-featured **e-commerce web application** using the **MERN stack**, enabling users to **browse products, manage carts, and place orders** with secure authentication and session persistence.
- ❖ Integrated **JWT-based login/signup** and **role-based admin dashboard** for product, user, and order management, ensuring data privacy and secure operations.
- ❖ Implemented **real-time cart updates and order tracking** using **Redux Toolkit** for efficient state management and **Stripe API** for secure online payments.
- ❖ Built a **responsive, mobile-friendly UI** using **Tailwind CSS** and deployed a scalable RESTful backend with **Express.js and MongoDB**, supporting high-performance interactions for both users and admins.

PodVerse - Live | Github - Code
Tech-Stack- Next.js, Tailwind Css,Shadcn UI,Convex ,Clerk ,OpenAI API
- ❖ Built a full-stack SaaS web application enabling users to **generate, publish, and stream AI-generated audio podcasts** using **OpenAI's Text-to-Speech API** for realistic voice synthesis.
- ❖ Integrated **ChatGPT API** to generate **thumbnail images and episode content dynamically**, enhancing automation and creative flexibility.
- ❖ Implemented **dual authentication systems** using **JWT-based email/password login** and **Google OAuth**, providing secure and user-friendly signup options.
- ❖ Secured user data and audio content using **MongoDB** for episode storage and **server-side validation**, ensuring reliable and scalable performance.

Education

B.Tech (Computer Science & Engineering) | Maharana Institute of Professional Studies   (Feb /2020 - Mar/2024)
Intermediate | Model Intermediate College, Kanpur   (2020)
High School | Model Intermediate College, Kanpur   (2018)

Achievements

- ❖ Competed in a college-level coding competition, showcasing problem-solving and programming skills.
- ❖ Solved over 100+ coding questions across various platforms like GFG and LeetCode .
- ❖ My passion for arts and both indoor and outdoor games has strengthened my creativity, teamwork, and adaptability.